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1632

RAW SEQUENCE LISTING

DATE: 02/11/2002

PATENT APPLICATION: US/09/932,451A

TIME: 14:41:46

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\02112002\I932451A.raw

ENTERED

3 <110> APPLICANT: OZAWA, Keiya
4 SHIMPO, Masahisa
5 IKEDA, Uichi
6 MAEDA, Yoshikazu
7 SHIMADA, Kazuyuki
9 <120> TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-MEDIATED DELIVERY OF ANGIOGENIC
10 FACTORS
12 <130> FILE REFERENCE: 0800-0026
14 <140> CURRENT APPLICATION NUMBER: 09/932,451A
15 <141> CURRENT FILING DATE: 2001-08-17
17 <150> PRIOR APPLICATION NUMBER: 60/226,056
18 <151> PRIOR FILING DATE: 2000-08-17
20 <160> NUMBER OF SEQ ID NOS: 2
22 <170> SOFTWARE: PatentIn Ver. 2.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 576
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Description of Artificial Sequence: VEGF-165
32 <220> FEATURE:
33 <231> NAME/KEY: CDS
34 <232> LOCATION: (1)..(576)
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39 5 10 15
40 ttt ctc cac cat gcc aag tgg tcc cag gat gca ccc atg gca gaa aga 96
41 Tyr Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Met Ala Glu Gly
42 20 25 30
43 gga ggg cag aat cat cac gaa gtg gtg aag ttc atg gat gtc tat cag 144
44 Gly Gly Gln Asn His His Glu Val Val Lys Phe Met Asp Val Tyr Gln
45 35 40 45
46 cgc agc tac tgc cat cca atc gag acc ctg gtg gac atc ttc cag cag 192
47 Arg Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu
48 50 55

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62 Thr Glu Glu Ser Asn Ile Thr Met Gln Ile Met Arg Ile Lys Pro His
63          100          105          110
65 caa ggc cag cac ata gga gag atg agc ttc cta cag cac aac aaa tgt 384
66 Gln Gly Gln His Ile Gly Glu Met Ser Phe Leu Gln His Asn Lys Cys
67          115          120          125
69 gaa tgc aga cca aag aaa gat aga gca aga caa gaa aat ccc tgt ggg 432
70 Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg Gln Glu Asn Pro Cys Gly
71          130          135          140
73 cct tgc tca gag cgg aga aag cat ttg ttt gta caa gat ccg cag acg 480
74 Pro Cys Ser Glu Arg Arg Lys His Leu Phe Val Gln Asp Pro Gln Thr
75 145          150          155          160
77 tgt aaa tgt tcc tgc aaa aac aca gac tgc cgt tgc aag gcg agg cag 528
78 Cys Lys Cys Ser Cys Lys Asn Thr Asp Ser Arg Cys Lys Ala Arg Gln
79          165          170          175
81 ctt gag tta aac gaa cgt act tgc aga tgt gac aag ccg agg cgg tga 576
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83          180          185          190
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98 Tyr Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Met Ala Glu Gly
99          20          25          30
101 Gly Gly Gln Asn His His Glu Val Val Lys Phe Met Asp Val Tyr Gln
102          35          40          45
104 Arg Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu
105          50          55          60
107 Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys Pro Ser Cys Val Pro Leu
108 65          70          75          80
110 Met Arg Cys Gly Gly Cys Cys Asn Asp Glu Gly Leu Glu Cys Val Pro
111          85          90          95
113 Thr Glu Glu Ser Asn Ile Thr Met Gln Ile Met Arg Ile Lys Pro His
114          100          105          110
116 Gln Gly Gln His Ile Gly Glu Met Ser Phe Leu Gln His Asn Lys Cys
117          115          120          125
119 Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg Gln Glu Asn Pro Cys Gly
120          130          135          140
122 Pro Cys Ser Glu Arg Arg Lys His Leu Phe Val Gln Asp Pro Gln Thr
123 145          150          155          160
125 Cys Lys Cys Lys Cys Lys Asp Thr Asp Ser Arg Cys Lys Ala Arg Gln

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VERIFICATION SUMMARY

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